

Title (en)
METHOD FOR PRODUCING HONEYCOMB FILTER

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES WABENFILTERS

Title (fr)
PROCÉDÉ DE PRODUCTION DE FILTRE EN NID D'ABEILLES

Publication
EP 3202480 A1 20170809 (EN)

Application
EP 15847805 A 20150929

Priority
• JP 2014198666 A 20140929
• JP 2015077422 W 20150929

Abstract (en)
The present invention provides a method for producing a honeycomb filter in which steps such as a degreasing step can be easily controlled, the degreasing step and a firing step can be performed in one furnace, and the honeycomb filter can be efficiently produced. The method for producing a honeycomb filter of the present invention includes a molded body raw material preparing step of mixing silicon carbide powder, organic additives at least including an organic binder, and silica to prepare a raw material composition as a molded body raw material; a molded body producing step of extruding the prepared molded body raw material into a honeycomb molded body; a degreasing step of degreasing the produced honeycomb molded body; and a firing step of firing the degreased honeycomb molded body, wherein the degreasing step is performed in a completely inert gas atmosphere.

IPC 8 full level
B01D 39/20 (2006.01); **B01D 46/00** (2006.01); **B28B 3/20** (2006.01); **C04B 38/06** (2006.01); **F01N 3/022** (2006.01)

CPC (source: EP)
B01D 39/20 (2013.01); **B01D 46/00** (2013.01); **B01D 46/2418** (2013.01); **B28B 3/20** (2013.01); **C04B 35/565** (2013.01); **C04B 38/0006** (2013.01); **F01N 3/022** (2013.01); **C04B 2111/00793** (2013.01); **C04B 2111/0081** (2013.01); **C04B 2235/3418** (2013.01); **C04B 2235/3826** (2013.01); **C04B 2235/422** (2013.01); **C04B 2235/6584** (2013.01)

Cited by
CN113795436A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3202480 A1 20170809; **EP 3202480 A4 20180404**; JP 2016067992 A 20160509; WO 2016052457 A1 20160407

DOCDB simple family (application)
EP 15847805 A 20150929; JP 2014198666 A 20140929; JP 2015077422 W 20150929